

SYSTEMS AND METHODS FOR MAKING PREDICTION ON ENERGY CONSUMPTION OF ENERGY- CONSUMING SYSTEMS OR SITES

Abstract of Disclosure

An energy-consumption predicting system remotely measures amounts of energy consumed by energy-consuming systems or an energy-consuming site; monitors and compares the real energy usage of the systems or site against expected or predicted values for energy consumption; analyzes and determines likely causes for variances between the real and the predicted values; and recommends to the energy user actions for achieving optimum operation of the systems or site. The energy-consumption predicting system can also forecast the energy usage of the energy-consuming site. The predicted energy usage amounts are outputs of a transfer function that relates the amounts of energy consumed to the operating parameters and other energy-related variables of the energy-consuming systems or site. The energy-consumption predicting system also permits remote access and interaction by the user and allows for integrating energy-related information into an overall strategy for managing the energy-consuming site.

Figures

Figure 1: A line graph showing the relationship between the number of hours spent studying and the score on a test. The x-axis represents the number of hours (0 to 10), and the y-axis represents the score (0 to 100). The data points are as follows:

Hours	Score
0	50
1	55
2	60
3	65
4	70
5	75
6	80
7	85
8	90
9	95
10	100

The graph shows a positive linear relationship between the number of hours spent studying and the score on the test.